

Converting Colors

Hex(2A7E5E)

Have a look what the booklet for
Hex(2A7E5E) contains.

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Color

Hex(2A7E5E)

Conversions

Conversions Part 1

Format	Color
Hex	2A7E5E
RGB	42, 126, 94
RGB Percent	16%, 49%, 37%
CMY	0.8353, 0.5059, 0.6314
CMYK	0.67, 0.00, 0.25, 0.51
HSL	157°, 50%, 33%
HSV	157°, 67%, 49%
XYZ	10.4361, 16.2221, 13.1708
YIQ	97.2360, -39.7920, -27.7600

Conversions

Conversions Part 2

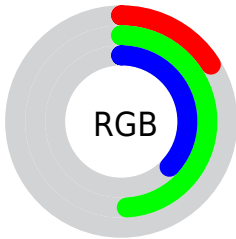
Format	Color
RYB	42, 94, 126
Decimal	2784862
CIELab	47.26, -33.27, 10.17
CIELCh	47, 34.785, 163.009
Yxy	16.2221, 0.2620, 0.4073
Android (android.graphics.Color)	4280974942 (0xFF2A7E5E)
YUV	97.2360, -1.5953, -48.4420
Hunter-Lab	40.2767, -24.2331, 8.8053

Details

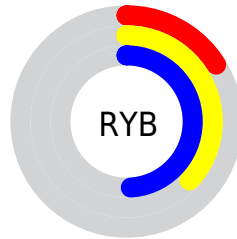
The Hex color **2A7E5E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7E2A4A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **62B390**, and **004C30** is the 20% darker color. If you saturate the color by 10%, you get **1D7E59**, and if you desaturate by 10%, it is **377E63**.

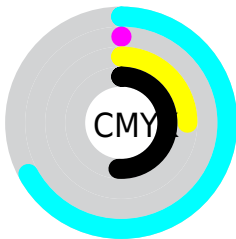
Distribution



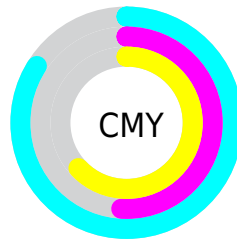
- Red (16%)
- Green (49%)
- Blue (37%)



- Red (16%)
- Yellow (37%)
- Blue (49%)



- Cyan (67%)
- Magenta (0%)
- Yellow (25%)
- Black (51%)



- Cyan (84%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A7E5E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2A7E5E by changing the saturation by 10% instead.

 2A7E5E

 2A7E5E

FFFFFF

 026546

 62B390

 004C30

 7DCFAB

 00351B

 98ECC6

 002100

 B4FFE2

 000000

 D1FFFF

 EEEFFF

 2A7E5E

 2A7E5E

 1D7E59

 377E63

■ 117E54

■ 437E68

■ 047E50

■ 507E6C

■ 007E4E

■ 5C7E71

■ 697E76

■ 767E7B

■ 827E80

■ 8F7E84

■ 9B7E89

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



557A44



2A7E5E



007F7C

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A7E5E



576FA9



A25E4A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2A7E5E



7E2A4A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A85864



2A7E5E



83649B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2A7E5E



0278A8



9E5A82



906938

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2A7E5E



007E8F



9E5A82



A55B52

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2A7E5E



83A397



4A7E2A



3E524A



D1D1D1



525252

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2A7E5E



21A371



2A747E



39403D



00804F



000000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7E2A4A



A32152



7E342A



40393C



800031



000000

Previews

White Background



This preview shows how the Hex color 2A7E5E looks on a white background.

Color Contrast Check

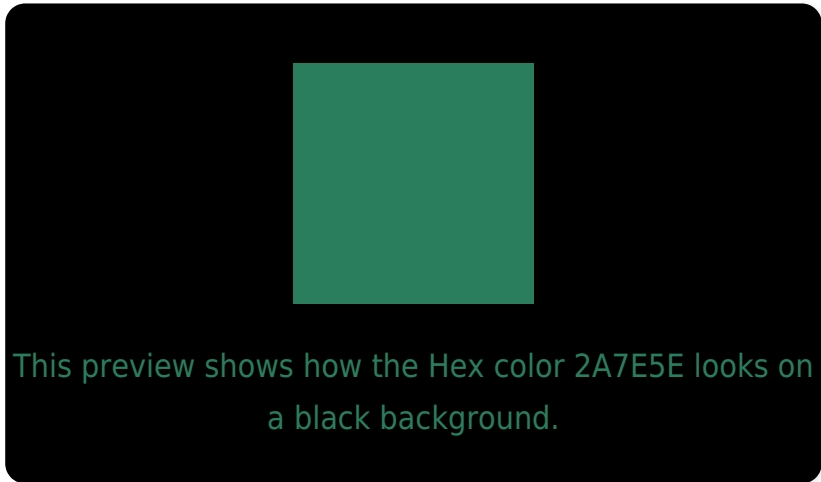
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

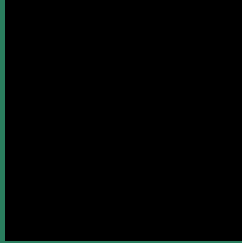
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2A7E5E Background



This preview shows how black text looks on a background with the Hex color 2A7E5E.



This preview shows how white text looks on a background with the Hex color 2A7E5E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
2A7E5E

Protanopia
776F57

Deuteranopia
7F6B62

Trichromacy



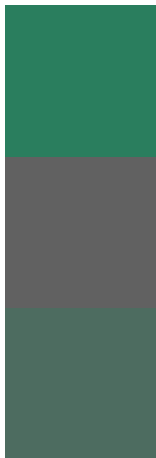
Original Color
2A7E5E

Protanomaly
5B745A

Deuteranomaly
607261

Tritanomaly
347B76

Monochromacy



Original Color
2A7E5E

Achromatopsia
616161

Achromatomaly
4D6C60

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A7E5E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2A7E5E looks like.

```
.text, #text, p{  
    color:#2A7E5E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2A7E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A7E5E
}
```

Border

The CSS property to change the border of an element to Hex 2A7E5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

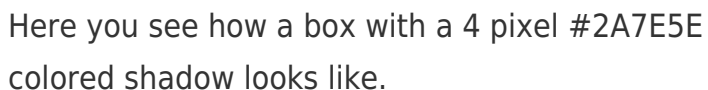
```
.border, #border, table{ border:4px solid
#2A7E5E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2A7E5E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2A7E5E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A7E5E; -webkit-box-shadow:4px 4px  
4px 4px #2A7E5E; box-shadow:4px 4px 4px  
4px #2A7E5E }
```

Background

The CSS property to change the background color of an element to Hex 2A7E5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A7E5E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2A7E5E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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